

PHILBERT OTIENO SIAMA

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PROFESSIONAL SUMMARY

I am an Urban and Regional Planner with experience in GIS, spatial analysis, urban development, policy research, and stakeholder engagement. I am skilled at using geospatial and socio-economic data to support planning, infrastructure development, climate resilience, and evidence-based decision-making. I have experience preparing technical reports, conducting policy and regulatory reviews, and working with government agencies, development partners, consultants, and local communities to deliver planning and development projects. I am proficient in QGIS, ArcGIS, Google Earth Engine, Python, and remote sensing.

PROJECT EXPERIENCE

Interrogating competing tensions among procedures, expertise and community aspirations in public participation as barriers against achievement of urban renewal projects in Kenya. 2023 - 2025

Contributed to research on public participation and urban renewal in informal settlements across Kibera, Mukuru Kwa Njenga, Mathare, and Kahawa Soweto.

Key responsibilities included:

- Collected and validated field data on housing conditions, infrastructure access, service provision, and environmental challenges.
- Conducted socio-economic assessments and stakeholder engagement activities within informal settlements.
- Performed GIS and spatial analysis to map settlement characteristics, infrastructure networks, and environmental constraints.
- Undertook literature reviews, policy analysis, and secondary data assessments to support research findings.
- Developed thematic maps, settlement profiles, technical reports, and analytical outputs.
- Contributed to evidence-based recommendations for inclusive urban renewal, settlement upgrading, and community-centred planning.

Link: [Interrogating competing tensions among procedures, expertise and community aspirations in public participation as barriers against achievement of urban renewal projects in Kenya](#)

PROFESSIONAL EXPERIENCE

Synergetic Development Group
Junior Planner

March 2026 - Present

- Conduct spatial, policy, and regulatory assessments to support urban development and infrastructure projects.
- Prepare technical reports, planning briefs, maps, and analytical outputs to inform project planning and decision-making.
- Undertake stakeholder consultations and coordinate engagement with government agencies, utilities, and development partners.
- Support environmental, infrastructure, and land-use assessments through data collection, analysis, and reporting.

- Liaise with agencies including NEMA, NCA, KURA, KeNHA, EPRA, county governments, and water service providers.
- Contribute to project planning, monitoring, reporting, and multidisciplinary project delivery.

State Department of Housing and Urban Development
Urban and Regional Planning Intern

January 2026 - March 2026

- Supported housing and urban development programmes through research, data collection, and policy analysis.
- Conducted literature reviews and synthesized evidence on housing, informal settlements, urban growth, and infrastructure challenges.
- Participated in field assessments and stakeholder consultations to document housing conditions, infrastructure needs, and community priorities.
- Assisted in the preparation of technical reports, briefing materials, and policy-related presentations.
- Collaborated with planners, engineers, and government stakeholders to support evidence-based planning and implementation.

Planner Fawcett Ouma Komollo
Assistant Urban and Regional Planner

September 2023 - December 2025

- Conducted GIS-based spatial analysis, land-use assessments, and socio-economic studies to support urban planning and development projects.
- Collected, managed, and analysed spatial, environmental, and socio-economic datasets to inform planning recommendations.
- Supported settlement profiling, vulnerability assessments, infrastructure assessments, and environmental planning studies.
- Facilitated stakeholder engagement, public participation forums, and community consultations across multiple projects.
- Developed thematic maps, technical reports, policy briefs, and planning recommendations for public and private sector clients.
- Conducted policy, regulatory, and institutional reviews to support project compliance and implementation.
- Supported proposal preparation, technical writing, project monitoring, and reporting activities.

National Environmental Management Authority
Urban and Regional Planning Attachee

October 2022 - December 2022

- Supported the review of environmental planning documentation, EIA submissions, and regulatory compliance reports.
- Assisted in environmental research, reporting, and compliance monitoring activities for development projects.
- Participated in site inspections and environmental assessments, including evaluation of riparian reserve encroachments and environmentally sensitive areas.
- Contributed to vulnerability assessments related to environmental degradation, land-use conflicts, and development within protected areas.
- Participated in stakeholder meetings involving government agencies, consultants, project proponents, and affected communities.
- Supported sustainable development assessments and environmental planning initiatives.

VOLUNTEERING EXPERIENCE

Kenya Institute of Planners
Graduate Member

March 2026 - Present

Provide technical planning support and professional expertise through initiatives led by the Kenya Institute of Planners in partnership with community-based organizations and civil society groups.

- Supported community planning and advocacy initiatives in collaboration with Muungano wa Wanavijiji and Pamoja Trust.
- Contributed technical planning input to community submissions, appeals, and stakeholder engagement processes related to urban development and housing issues.
- Assisted in the preparation and review of planning-related documentation submitted to the Nairobi Rivers Regeneration Commission on behalf of affected communities.
- Supported efforts to ensure community concerns, settlement needs, and local perspectives were effectively represented in planning and decision-making processes.
- Participated in stakeholder engagements aimed at promoting inclusive, participatory, and equitable urban development.

EDUCATION

Postgraduate Professional Diploma in Urban Development.
Africa Urban Lab, Africa School of Economics

May 2025

- Relevant Coursework: urban governance, urban planning, urban finance, and urban economics.
- Capstone Research project: "Assessing policy development on the welfare of street children and knowledge exchange in Kampala City, Uganda".

Bachelor's In Built Environment, Urban and Regional Planning
Technical University of Kenya

December 2023

- Final Research project: "Monitoring the rate of urban growth using Landsat Time Series Data (1985 - 2023), A Case Study of Kikuyu Municipality"

SKILLS

Technical Skills

- GIS & Spatial Analysis – Experience using GIS tools and spatial data to support land-use planning, settlement profiling, infrastructure assessments, vulnerability assessments, and evidence-based decision-making.
- Urban Research & Data Analysis – Conducting literature reviews, desk studies, socio-economic assessments, field surveys, policy analysis, and data interpretation to support planning and development projects.
- Statutory Approvals & Regulatory Compliance – Understanding of planning, environmental, and infrastructure approval processes involving agencies such as NCA, NEMA, EPRA, KURA, KeNHA, and county governments.
- Planning Documentation & Technical Reporting – Preparation of technical reports, planning briefs, policy summaries, approval documentation, stakeholder reports, and project presentations.

- Project Documentation & Records Management – Managing permit applications, approval records, project correspondence, and compliance documentation to support project implementation.
- Remote Sensing & Geospatial Data Management – Experience working with satellite imagery, spatial datasets, and geospatial information for urban growth analysis, mapping, and planning assessments.

Soft Skills

- Time Management & Multitasking – Ability to manage multiple approvals, documentation tasks, and project timelines efficiently.
- Analytical Thinking & Problem Solving – Strong capacity to evaluate planning challenges, regulatory requirements, and project constraints to develop effective solutions.
- Adaptability & Initiative – Quick to learn new regulatory processes and adapt to dynamic project environments.
- Communication & Stakeholder Coordination – Effective at engaging with multidisciplinary teams, government agencies, and project stakeholders.
- Attention to Detail – Ensuring accuracy in planning documentation, approval applications, and regulatory compliance requirements.
- Teamwork & Collaboration – Ability to work closely with planners, engineers, consultants, and regulatory officers to support project delivery.

REFERENCES

Provided Upon Request